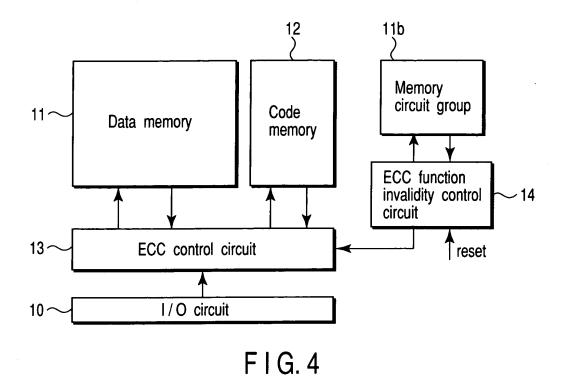


F I G. 3

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Code -12 11-Data memory memory 50 14a Read data ECC code ECC function 24register register Syndrome generation invalidity 13 ^-control ECC code function circuit 23 generation 28 circuit 25~ **BIST** circuit Correction data ECC decoding circuit 26 register syndrome decoder) -27

FIG. 5

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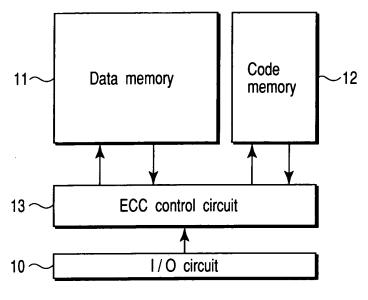


FIG. 6 (PRIOR ART)

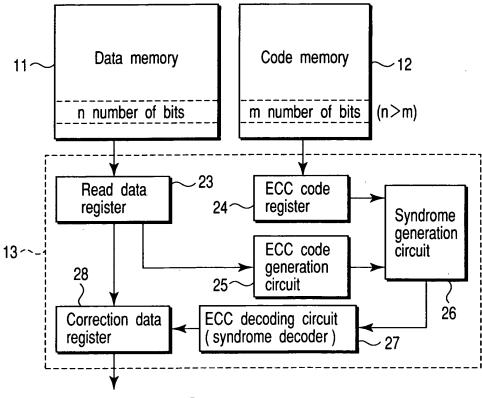


FIG. 7 (PRIOR ART)